## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

## (19) World Intellectual Property Organization International Bureau



## 

(43) International Publication Date 26 May 2005 (26.05,2005)

PCT

## (10) International Publication Number WO 2005/047895 A1

(51) International Patent Classification7:

G01N 33/49

(21) International Application Number:

PCT/GB2004/004676

(22) International Filing Date:

5 November 2004 (05.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 0326027.0

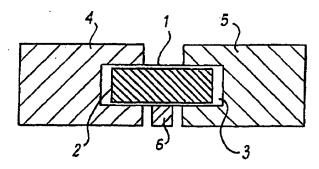
7 November 2003 (07.11.2003) GB

- (71) Applicant (for all designated States except US): HALL EFFECT TECHNOLOGIES LIMITED [GB/GB]; The Green House, Beechwood Business Park North, Inverness IV2 3BL (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): FULLER, Jonathan, Andrew [GB/GB]; Easter Shian, Glen Quaich, Amulree, Perthshire PHS 0DB (GB). DJENNATI, Nasr-Eddine [GB/GB]; 35 Sherway Drive, Timperley, Altrincham WA15 7NU (GB). MITCHELL, Andrew [GB/GB]; 13 Shearman Close, Wirral CH61 9PA (GB).

- (74) Agents: ROBEY, James, Edward et al.; Wilson Gunn M'Caw, 5th Floor, Blackfriars House, The Parsonage, Manchester M3 2JA (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR ANALYSING A LIQUID



(57) Abstract: An apparatus and method for determining the coagulation status of a liquid, especially blood. The apparatus includes a chamber (1) for holding a quantity of said liquid, a body (2) disposed in the chamber and a magnetic device (4,5), the magnetic device co-operating with said chamber and being arranged in use to provide a magnetic field which causes the body to migrate to and fro within the chamber through uncoagulated liquid. The body is other than a particle, and the cross-sectional area of the body measured in a pane generally perpendicular to its normal direction of travel in use may be at least half that of the chamber in the same plane.

(m)

005/047895 A1